

WHAT IS CLAIMED IS:

- 1 1. A computer implemented method for handling a plurality
2 of filters, said method comprising:
3 receiving first event data corresponding to a first
4 filter from the plurality of filters, the first filter
5 including first filtering properties;
6 receiving second event data corresponding to a second
7 filter from the plurality of filters, the second
8 filter including second filtering properties;
9 determining whether to change filtering properties of
10 at least one of the plurality of filters using the
11 first event data and the second event data; and
12 changing the filtering properties of at least one of
13 the plurality of filters in response to the
14 determination.
- 1 2. The method of claim 1 wherein the changing further
2 comprises:
3 assigning first filtering properties to the second
4 filter; and
5 assigning second filtering properties to the first
6 filter.
- 1 3. The method of claim 1 further comprising:
2 detecting whether to reconfigure the first filter in
3 response to the analyzing, the reconfiguring including
4 adjusting the first filtering properties; and
5 reconfiguring the first filter in response to the
6 detecting.

1 4. The method of claim 1 further comprising:
2 identifying whether to configure the first filter as
3 an exception filter, the exception filter configuring
4 including portions of the first filter properties and
5 portions of the second filter properties; and
6 configuring the first filter as the exception filter
7 in response to the identifying.

1 5. The method of claim 1 further comprising:
2 retrieving historical trend data; and
3 configuring the first filter and the second filter
4 corresponding to the historical trend data.

1 6. The method of claim 5 wherein the historical trend
2 data is based upon a timeline, and wherein the
3 timeline is selected from a group consisting of a time
4 of day, a time of month, and a time of year.

1 7. The method of claim 1 wherein the determining further
2 comprises:
3 identifying an event type with a highest occurrence
4 number using the first event data and the second event
5 data; and
6 comparing the identified event type with the first
7 filtering properties.

1 8. An information handling system comprising:
2 one or more processors;
3 a memory accessible by the processors;
4 one or more monitor points;

5 a plurality of filters;
6 one or more nonvolatile storage devices accessible by
7 the processors; and
8 a filter handling tool for dynamically managing the
9 plurality of filters, the filter handling tool
10 including software code effective to:

11 receive first event data from one of the
12 monitor points corresponding to a first
13 filter from the plurality of filters, the
14 first filter including first filtering
15 properties;

16 receive second event data from one of the
17 monitor points corresponding to a second
18 filter from the plurality of filters, the
19 second filter including second filtering
20 properties;

21 determine whether to change filtering
22 properties of at least one of the plurality
23 of filters using the first event data and
24 the second event data; and

25 change the filtering properties of at least
26 one of the plurality of filters in response
27 to the determination.

1 9. The information handling system of claim 8 wherein the
2 software code is further effective to:
3 assign first filtering properties to the second
4 filter; and

5 assign second filtering properties to the first
6 filter.

1 10. The information handling system of claim 8 wherein the
2 software code is further effective to:
3 identify whether to configure the first filter as an
4 exception filter, the exception filter configuring
5 including portions of the first filter properties and
6 portions of the second filter properties; and
7 configure the first filter as the exception filter in
8 response to the identifying.

1 11. The information handling system of claim 8 wherein the
2 software code is further effective to:
3 retrieve historical trend data from one of the
4 nonvolatile storage devices; and
5 configure the first filter and the second filter
6 corresponding to the historical trend data.

1 12. The information handling system of claim 11 wherein
2 the historical trend data is based upon a timeline,
3 and wherein the timeline is selected from a group
4 consisting of a time of day, a time of month, and a
5 time of year.

1 13. The information handling system of claim 8 wherein the
2 software code is further effective to:
3 identify an event type with a highest occurrence
4 number using the first event data and the second event
5 data; and

6 compare the identified event type with the first
7 filtering properties.

1 14. A computer program product stored on a computer
2 operable media for dynamically handling a plurality of
3 filters, said computer program product comprising
4 software code effective to:
5 receive first event data corresponding to a first
6 filter from the plurality of filters, the first filter
7 including first filtering properties;
8 receive second event data corresponding to a second
9 filter from the plurality of filters, the second
10 filter including second filtering properties;
11 determine whether to change filtering properties of at
12 least one of the plurality of filters using the first
13 event data and the second event data; and
14 change the filtering properties of at least one of the
15 plurality of filters in response to the determination.

1 15. The computer program product of claim 14 wherein the
2 software code is further effective to:
3 assign first filtering properties to the second
4 filter; and
5 assign second filtering properties to the first
6 filter.

1 16. The computer program product of claim 14 wherein the
2 software code is further effective to:

3 detect whether to reconfigure the first filter in
4 response to the analyzing, the reconfiguring including
5 adjusting the first filtering properties; and
6 reconfigure the first filter in response to the
7 detecting.

1 17. The computer program product of claim 14 wherein the
2 software code is further effective to:
3 identify whether to configure the first filter as an
4 exception filter, the exception filter configuring
5 including portions of the first filter properties and
6 portions of the second filter properties; and
7 configure the first filter as the exception filter in
8 response to the identifying.

1 18. The computer program product of claim 14 wherein the
2 software code is further effective to:
3 retrieve historical trend data; and
4 configure the first filter and the second filter
5 corresponding to the historical trend data.

1 19. The computer program product as described in claim 18
2 wherein the historical trend data is based upon a
3 timeline, and wherein the timeline is selected from a
4 group consisting of a time of day, a time of month,
5 and a time of year.

1 20. The computer program product as described in claim 14
2 wherein the software code is further effective to:

3 identify an event type with a highest occurrence
4 number using the first event data and the second event
5 data; and

6 compare the identified event type with the first
7 filtering properties.

1 21. A computer implemented method for handling a plurality
2 of filters, said method comprising:

3 receiving first event data corresponding to a first
4 filter from the plurality of filters, the first filter
5 including first filtering properties;

6 receiving second event data corresponding to a second
7 filter from the plurality of filters, the second
8 filter including second filtering properties;

9 determining whether to change filtering properties of
10 at least one of the plurality of filters using the
11 first event data and the second event data; and

12 changing the filtering properties of at least one of
13 the plurality of filters in response to the
14 determination, wherein the changing further comprises:

15 assigning first filtering properties to the
16 second filter; and

17 assigning second filtering properties to the
18 first filter.

1 22. A computer implemented method for handling a plurality
2 of filters, said method comprising:

3 retrieving historical trend data, wherein the
4 historical trend data is based upon a timeline, and

5 wherein the timeline is selected from a group
6 consisting of a time of day, a time of month, and a
7 time of year;
8 pre-configuring a first filter and a second filter
9 corresponding to the historical trend data;
10 receiving first event data corresponding to the first
11 filter from the plurality of filters, the first filter
12 including first filtering properties;
13 receiving second event data corresponding to the
14 second filter from the plurality of filters, the
15 second filter including second filtering properties;
16 determining whether to change filtering properties of
17 at least one of the plurality of filters using the
18 first event data and the second event data; and
19 changing the filtering properties of at least one of
20 the plurality of filters in response to the
21 determination.

1 23. An information handling system comprising:
2 one or more processors;
3 a memory accessible by the processors;
4 one or more monitor points;
5 a plurality of filters;
6 one or more nonvolatile storage devices accessible by
7 the processors; and
8 a filter handling tool for dynamically managing the
9 plurality of filters, the filter handling tool
10 comprising software code effective to:

11 receive first event data from one of the
12 monitor points corresponding to a first
13 filter from the plurality of filters, the
14 first filter including first filtering
15 properties;

16 receive second event data from one of the
17 monitor points corresponding to a second
18 filter from the plurality of filters, the
19 second filter including second filtering
20 properties;

21 determine whether to change filtering
22 properties of at least one of the plurality
23 of filters using the first event data and
24 the second event data; and

25 change the filtering properties of at least
26 one of the plurality of filters in response
27 to the determination, wherein the changing
28 further comprises:

29 assign first filtering properties to
30 the second filter; and

31 assign second filtering properties to
32 the first filter.

1 24. A computer program product stored on a computer
2 operable media for dynamically handling a plurality of
3 filters, said computer program product comprising
4 software code effective to:
5 receive first event data corresponding to a first
6 filter from the plurality of filters, the first filter
7 including first filtering properties;

8 receive second event data corresponding to a second
9 filter from the plurality of filters, the second
10 filter including second filtering properties;
11 determine whether to change filtering properties of at
12 least one of the plurality of filters using the first
13 event data and the second event data; and
14 change the filtering properties of at least one of the
15 plurality of filters in response to the determination,
16 wherein the software code is further effective to:
17 assign first filtering properties to the
18 second filter; and
19 assign second filtering properties to the
20 first filter.